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0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0

×

 \times

×

×

 \times

×

POINTS(PIXELS) ASPECT RATIO 5/3 SQUARE PIXELS IMAGE (Id) DIMENSION 10x6 DESTINATION

SOURCE IMAGE (IS)

 \times

×

×

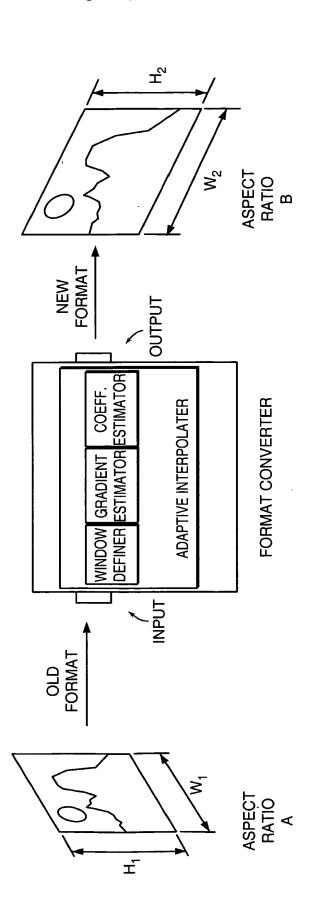
×

 \times

DIMENSION 5x4
POINTS (PIXELS)
ASPECT RATIO 5/3
ANAMORPHIC
PIXELS

9





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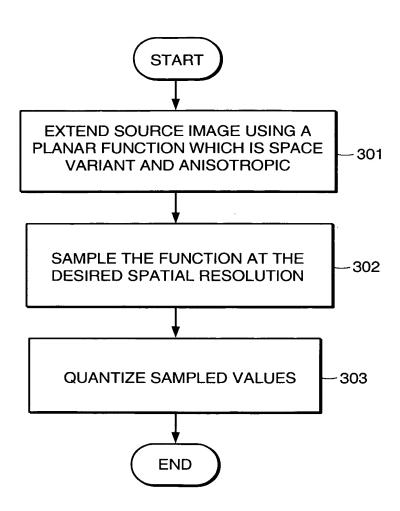


FIG. 3

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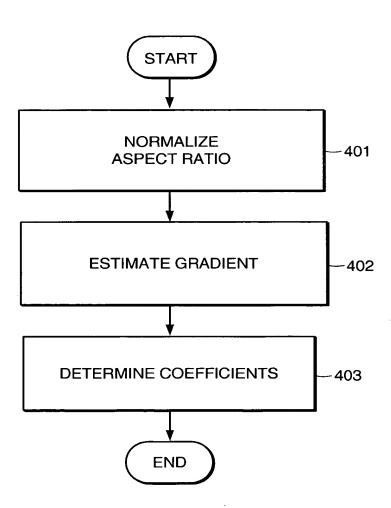


FIG. 4

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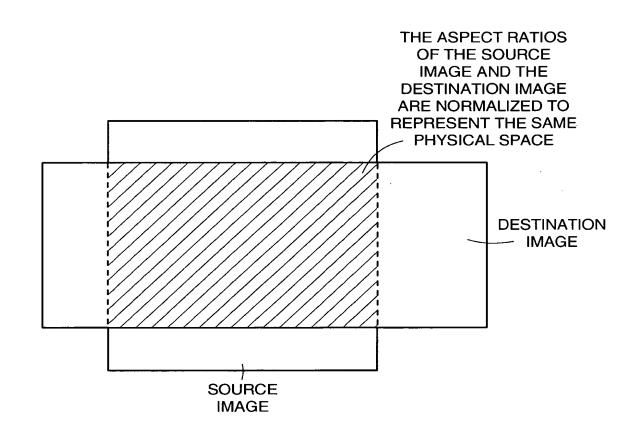
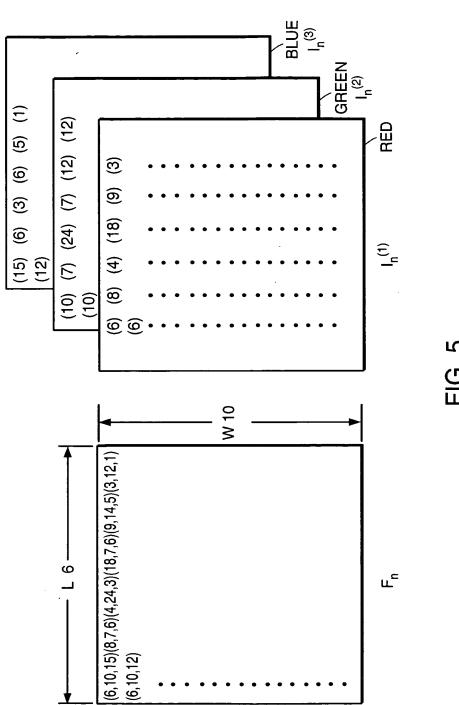


FIG. 4A

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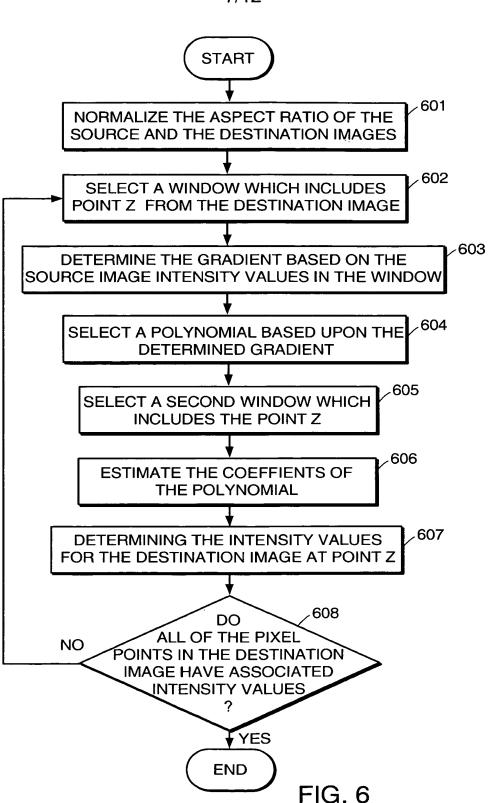


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						Z=(4,7)ɛG'					
0	0	0	0	0	0	0	0	0	0	0	
0	0	×	0	0	×	0	0	×	0	0	
0	0	0	0	0	0,	,0	0	0	0	0	
0	0	×	0	0		•	0	×	0	0	
0	0	0	0	0	0	0	0	0	0	0	
0	0	×	0	0	×	0	0	×	0	0	
0	0	0	0	0	0	0	0	0	0	0	

G: THE POINTS(PIXELS) OF THE SOURCE IMAGE ARE REPRESENTED BY X'S G': THE POINTS(PIXELS) OF THE DESTINATION IMAGE ARE REPRESENTED BY 0'S

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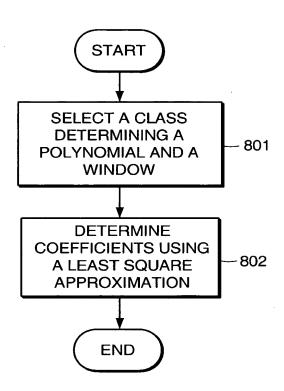


FIG. 8



GRAD MAGNITUDE	DIRECTION	CLASS	POLYNOMIAL	WINDOW SIZE
1	1	1	A+Bx	2
1	2	2	•	•
1	3	3	•	•
1	4	4	•	•
2	1	5	•	•
2	2	6	•	•
•	•	•	•	•
•	•	•	•	•
•	•	:	•	•
•	•	•	•	•
•	•	•	•	•
•	•	:	•	•
•	•	:		•
•	•	•		•
,				•
		16	A+Bx+Cy+Dx ²	4

FIG. 9

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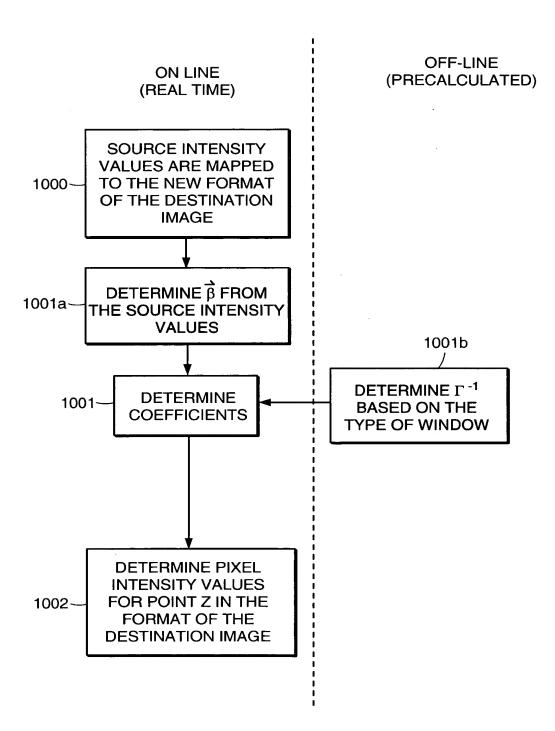


FIG. 10

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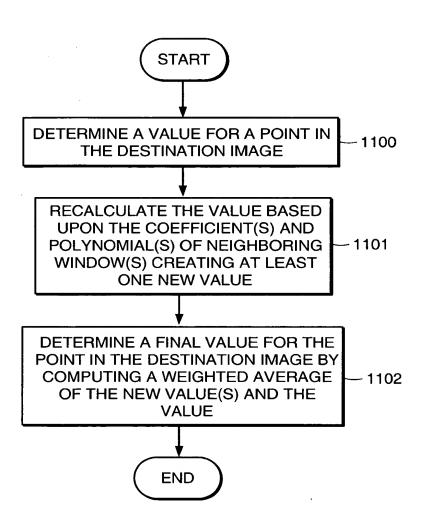


FIG. 11